

Date Submitted: <u>11/14/07</u> Originator: <u>L. M. Dittmer</u> Phone: <u>372-9227</u>	<b>WASTE SITE RECLASSIFICATION FORM</b> Operable Unit(s): <u>100-BC-1</u> Waste Site Code: <u>100-B-18</u> Type of Reclassification Action: Closed Out <input type="checkbox"/> Interim Closed Out <input checked="" type="checkbox"/> No Action <input type="checkbox"/> RCRA Postclosure <input type="checkbox"/> Rejected <input type="checkbox"/> Consolidated <input type="checkbox"/>	Control Number: <u>2007-020</u>
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This form documents agreement among parties listed authorizing classification of the subject unit as Closed Out, Interim Closed Out, No Action, RCRA Postclosure, Rejected, or Consolidated. This form also authorizes backfill of the waste management unit, if appropriate, for Closed Out and Interim Closed Out units. Final removal from the NPL of No Action and Closed Out waste management units will occur at a future date.

Description of current waste site condition:


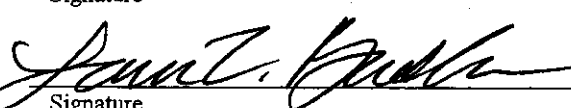
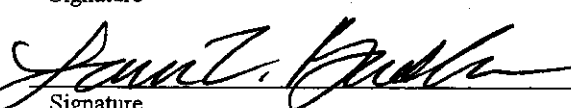
The 100-B-18 Powerhouse Debris Pile contained miscellaneous demolition waste from the decommissioning activities of the 184-B Powerhouse. The debris covered an area roughly 15 m (49 ft) by 30 m (98 ft) and included materials such as concrete blocks, mixed aggregate/concrete slabs, stone rubble, asphalt rubble, traces of tar/coal, broken fluorescent lights, brick chimney remnants, and rubber hoses. Remediation of the site was performed on June 26, 2007, and July 16, 2007. Site remediation was accomplished by selective removal of suspect hazardous items (e.g., tar/mastic material) and potentially impacted soils. Remediation activities included the removal of 70 BCM (bank cubic meters) of tar/mastic material along with their surrounding soils. Light ballasts were expected at the site, however, none were found. The numerous intact and broken fluorescent light tubes located at the site (approximately 50) were picked up and disposed. Verification sampling and evaluation of this site have been performed in accordance with remedial action objectives and goals established by the *Interim Action Record of Decision for the 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, 100-FR-1, 100-FR-2, 100-HR-1, 100-HR-2, 100-KR-1, 100-KR-2, 100-IU-2, 100-IU-6, and 200-CW-3 Operable Units, Hanford Site, Benton County, Washington* (Remaining Sites ROD), U.S. Environmental Protection Agency, Region 10, Seattle, Washington. The selected action involved: (1) remediation of the site through removal of hazardous debris and impacted soils, (2) demonstrating through verification sampling that cleanup goals have been achieved, and (3) proposing the site for reclassification to Interim Closed Out.

Basis for reclassification:

In accordance with this evaluation, the verification sampling results support a reclassification of this site to Interim Closed Out. The current site conditions achieve the remedial action objectives and the corresponding remedial action goals established in the Remaining Sites ROD. The results of verification sampling show that residual contaminant concentrations do not preclude any future uses (as bounded by the rural-residential scenario) and allow for unrestricted use of shallow zone soils (i.e., surface to 4.6 m [15 ft] deep). The results also demonstrate that residual contaminant concentrations are protective of groundwater and the Columbia River. Site contamination did not extend into the deep zone soils; therefore, institutional controls to prevent uncontrolled drilling or excavation into the deep zone are not required. The basis for reclassification is described in detail in the *Remaining Sites Verification Package for the 100-B-18 Powerhouse Debris Pile* (attached).

Waste Site Controls:

Engineered Controls: Yes ☐ No ☒ Institutional Controls: Yes ☐ No ☒ O&M requirements: Yes ☐ No ☒  
 If any of the Waste Site Controls are checked Yes specify control requirements including reference to the Record of Decision, TSD Closure Letter, or other relevant documents.

S. L. Charboneau DOE Federal Project Director (printed)	 Signature	<u>11/27/07</u> Date
N/A Ecology Project Manager (printed)	 Signature	<u>11/30/07</u> Date
RECEIVED EPA Project Manager (printed) JAN 23 2008	 Signature	<u>11/30/07</u> Date